

# Well and Boring Report Requirements



Marisue Crystal,  
Environmental Health Tech



# **REPORTING REQUIREMENTS**

- The state of California's reporting requirements are based on the State Water Code.
- DEH reporting requirements are also based on State Water Code
  - County Code of Regulatory Ordinance
  - SAM Manual



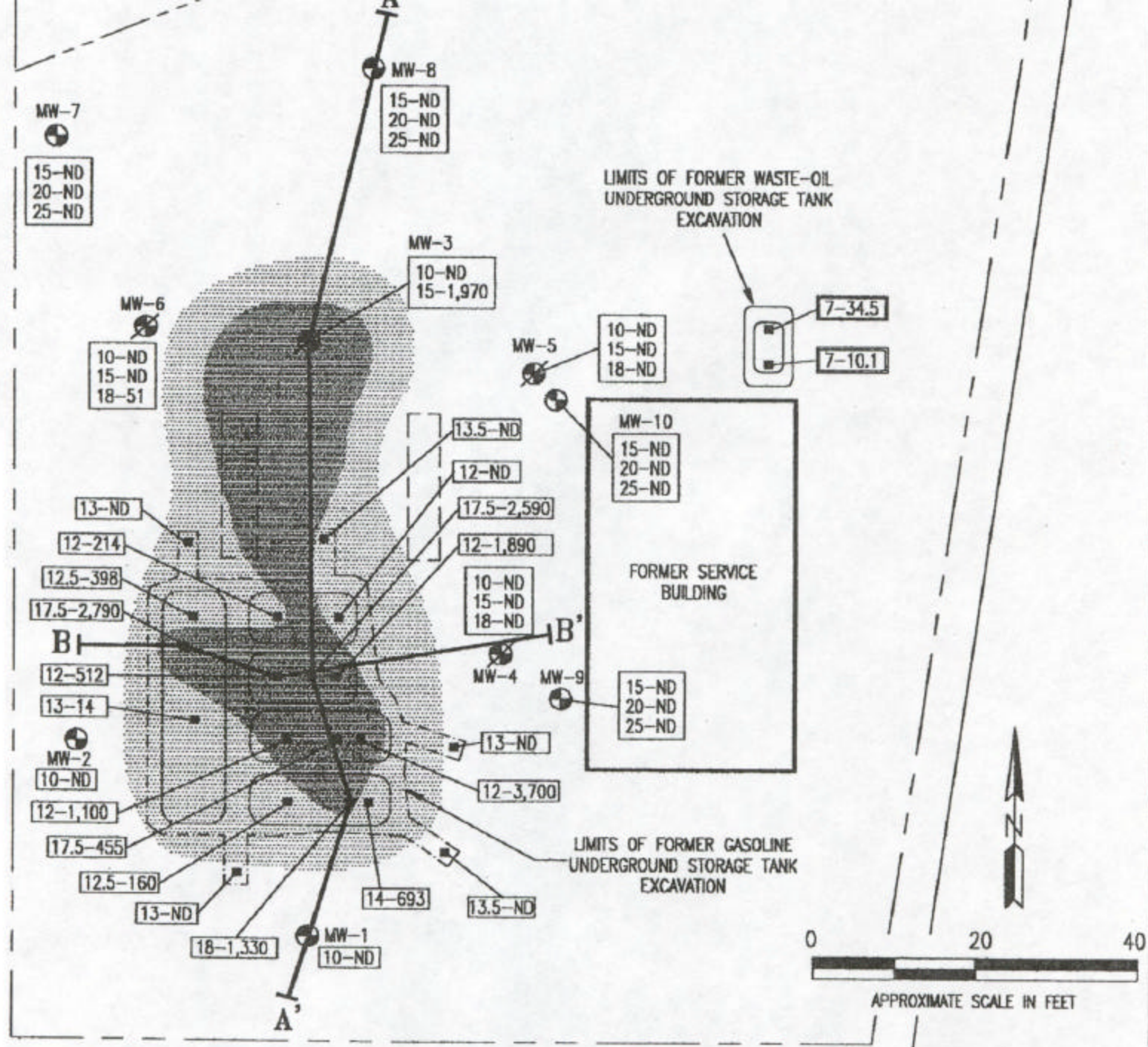
# **Section 67.447 of the County Code**

- A detailed record of the boundaries, character size, distribution and color of all lithologic units penetrated.
  - Type of well casing.
  - Location of perforations and sealing zones.
  - Any other data deemed necessary by the Director of the Department of Environmental Health.

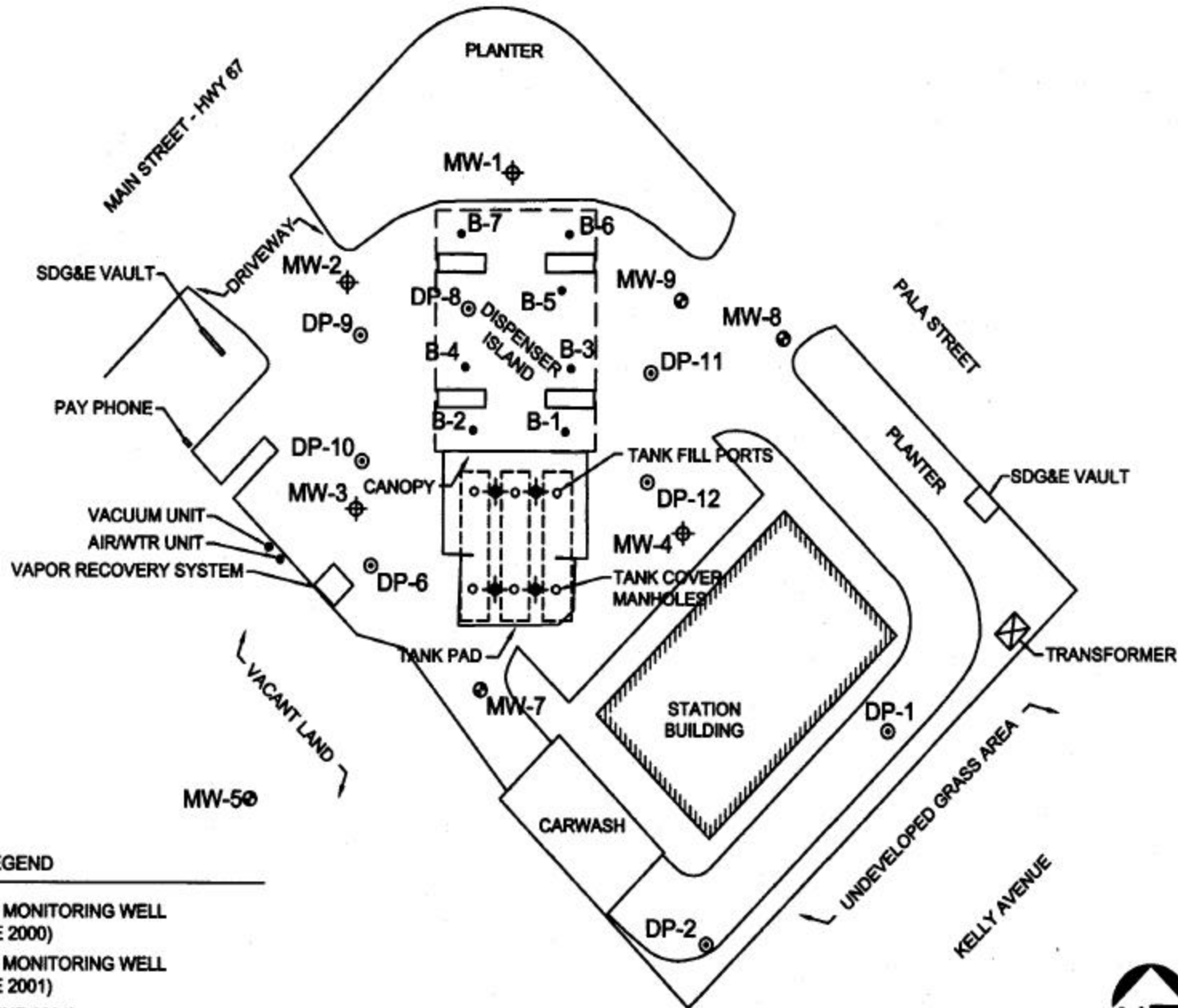


## **Well Log Submissions 4.a.2.**

- A detailed plot plan drawn to scale showing location of site and nearest cross streets
- property boundary lines, existing improvements such as USTs, piping, and/or utilities
- location of all wells and borings, both existing and proposed.







# LEGEND

MW-1 ◆ = GROUNDWATER MONITORING WELL  
(INSTALLED JUNE 2000)

MW-5 ◆ = GROUNDWATER MONITORING WELL  
(INSTALLED JUNE 2001)

B-4 • = SOIL BORING (JUNE 2001)

DP-9 ◆ = DRIVE-POINT BORING (JANUARY 2001)

◆ = PROPOSED SOIL BORING/DUAL-COMPLETED  
WELL LOCATIONS



0 10 20 40 80

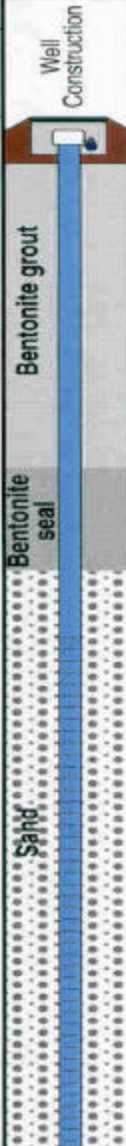
FEET



## Well Log Submissions 4.a.4.

- A detailed “as-built” well construction diagram
- type of casing, screened interval, screen slot size, type of filter pack
- location and type of seals, and quantities of materials used
- surveyed well elevations and locations. Surveying must be performed by an appropriately licensed professional and meet the accuracy requirements of CCR Title 12, Section 2729-2729.1.

Date Drilled:		Date Drafted:	Drill Rig/Sampling Method:			Borehole Dia.:	Casing Dia.:	Total Depth:
3/6/02		3/15/02	CME-75/No sampling conducted			10"	4"	30'
SAMPLE LOG			BOREHOLE LOG					
Sample Number (N/A)	Lab results TPH Gas/diesel (ppm) (N/A)	Blows per foot (N/A)	Depth (feet)	Sample interval	USCS symbol	Graphic Log	Geologic Description: Formation, soil type, color, grain, minor soil component, moisture, density, odor, etc.	
			0				0-6 inches concrete.	
			1					
			2		SC		<b>FILL</b> 1-5 feet below grade	
			3				Red-brown clay with some silt, moist, well-graded, loose, no odor.	
			4					
			5					
			6					
			7				<b>WEATHERED GRANITIC ROCK</b> 6-7 feet below grade	
			8				Sand, fine to medium-grained.	
			9					
			10				10 feet below grade	
			11				Silty clay, (60% clay, 40% silt), strong brown.	
			12				11 feet below grade	
			13		SW		Some medium to coarse-grained sand with trace angular to subrounded pebbles, slightly moist.	
			14					
			15				15 feet below grade	
			16				Sand, medium to very coarse-grained with some granules and pebbles, brown, poorly graded, slightly moist.	
			17				17 feet below grade	
			18				Silty clay, slightly moist.	
			19					
			20				20 feet below grade	
			21				Sand, medium-grained with some silt and trace of coarse-grained granules, slightly moist.	
			22				22 feet below grade	
			23				Sand, fine to coarse-grained, brown to strong brown, very moist.	
			24				24 feet below grade	
			25				Saturated	
			26				25-27 feet below grade	
			27				Some weathered/decomposed granite.	
			28					
			29					
			30					
			31				Boring terminated at 30 feet below grade and monitoring well installed.	
			32					
			33					
			34					
			35					

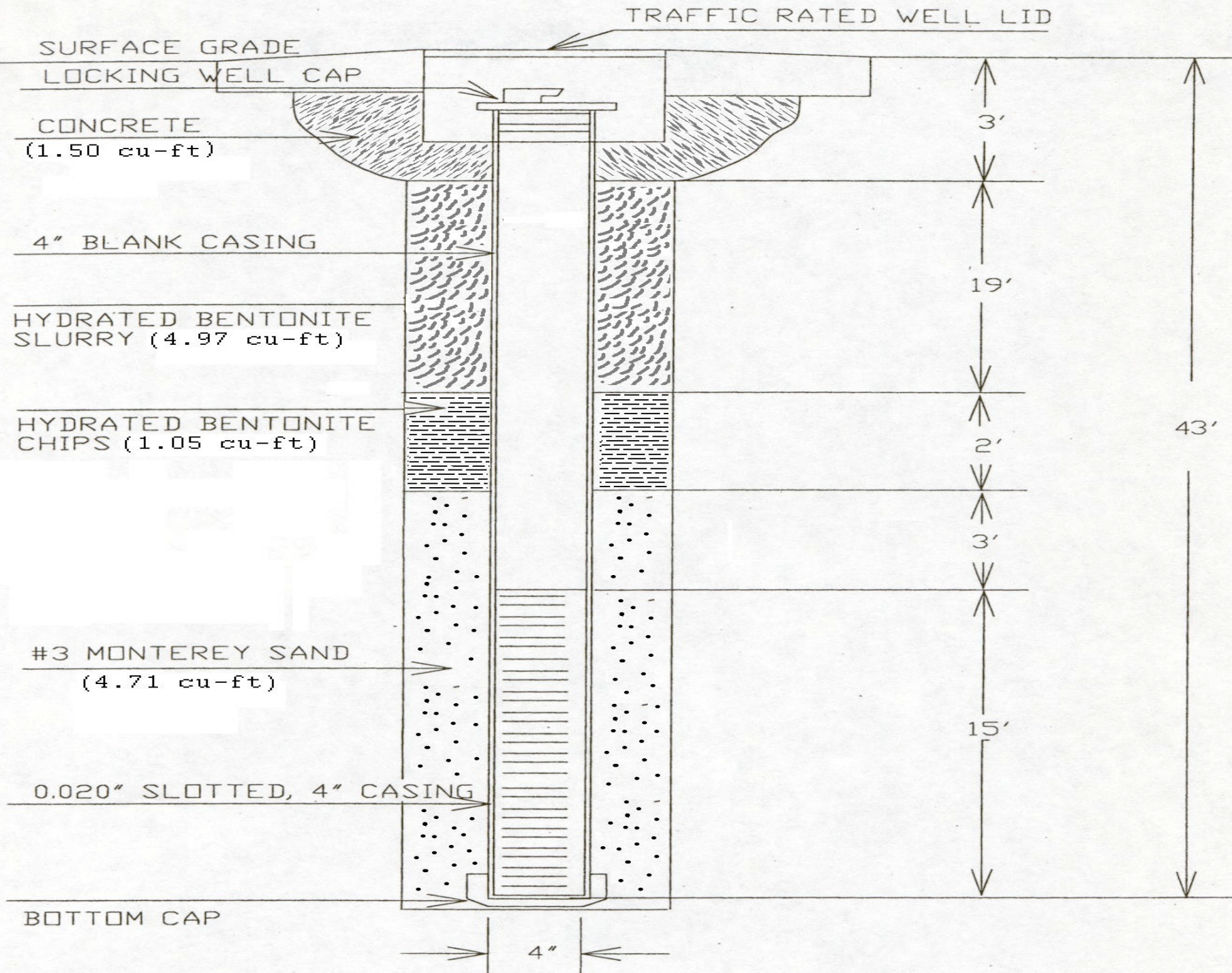






# VOLUME OF MATERIALS

WELL NO.	SAND (ft <sup>3</sup> )	BENTONITE CHIPS (ft <sup>3</sup> )	BENTONITE GROUT (ft <sup>3</sup> )	CEMENT (ft <sup>3</sup> )
MW-1				
MW-2				





# **PROFESSIONAL SIGNATURES** **REQUIRED**

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- The RG, CEG, RCE, or CHG is responsible for the accuracy and completeness of the logs and accompanying data
- All well construction and boring reports must have the original signature of the registered professional and/or their seal as required by the Business and Professions Code

